

TABLE 2
STORMWATER ANALYTICAL DATA
ALASKAN COPPER
SEATTLE, WASHINGTON

	Parameter:		Non-Polar Fats, Oils, Greases (mg/L)	Turbidity (NTU)	pH (std units)	Total Zinc (ug/L)	Total Copper (ug/L)	Total Lead (ug/L)	Hardness (mg/L)	TSS (mg/L)
	Method:		EPA-1664	EPA-180.1	Field	EPA-200.7	EPA-200.7	EPA-239.2	SM-2340B	SM-20
	Benchmark Values: (1),(2)		15	25	6 - 9	117	63.6	81.6	N/A	30
	Action Levels: (3),(4)		30	50	5 - 10	372	149	159	N/A	45
	Sample Identification:	Laboratory Identification:								
4th Qtr 2006	--	--	--	--	--	--	--	--	--	--
1st Qtr 2007	--	--	--	--	--	--	--	--	--	--
2nd Qtr 2007 (6/15/07)	*CB331707 (1707)	M116736	7	33	6.3	773	432	33	61	
3rd Qtr 2007	--	--	--	--	--	--	--	--	--	
4th Qtr 2007	*1707	M01283	< 2.0	25	6.33	1,030	304	18.5	--	
1st Qtr 2008	--	--	--	--	--	--	--	--	--	
2nd Qtr 2008	--	--	--	--	--	--	--	--	--	
3rd Qtr 2008 (8/18/08)	*1707	M120311	12.6	34	--	1,200	403	--	76	
4th Qtr 2008 (12/09/08)	*1707	M03417	30	42.5	7.39	1,300	696	2.88	103	
1st Qtr 2009 (3/19/09)	*1707	M03867	6.54	45.3	6.66	1,390	418	27.9	67.2	
2nd Qtr 2009 (6/18/09)	*1707	M04260	14.5	54.1	6.48	360	351	16.2	167	
3rd Qtr 2009 (8/11/09)	CB331707	908066	2.29	(23.3) / 14.4	(7.64) / 6.91	1,250	210	4.4	52.8	10
3rd Qtr 2009 (8/11/09)	CB330001	908067	3.96	(49.7) / 29.6	(6.93) / 6.81	253	209	14.6	32.4	23
3rd Qtr 2009 (8/11/09)	CB330102	908065	4.02	(8.68) / 4.1	(6.78) / 6.60	9,310	20.8	1.63	21.9	2

Notes:

ND = Non detect.

NA = Information not available.

(Parameters measured in the field data indicated with parenthesis)

Qtr = Quarter.

U = Compound was analyzed for, but was not detected at the reported sample detection limit.

* = 4Q08 field notes indicate that CB331707 reported on 4Q04, 3Q05, & 2Q07 DMRs is the same as 1707, which was reported on 4Q08 and 1Q09 DMRs.

-- = Sample not collected this quarter.

mg/L = Milligrams per liter.

ug/L = Micrograms per liter.

Exceedance = exceedance of benchmark (1), (2).

Bold type value = exceedance of action level (3), (4).

Sampling = sampling for this parameter not required, or consistent attainment achieved.

- (1) If the value for total zinc exceeds the benchmark value for two consecutive quarters, beginning with the next sampling quarter the Permittee shall include analysis for copper and lead. In addition, hardness shall also be analyzed unless discharge is to marine waters.
- (2) Level One Response: Each time after December 31, 2004 quarterly sampling results are above a benchmark value or outside the benchmark range for pH, the Permittee shall initiate a Level One Response in accordance with the Industrial Stormwater General Permit.
- (3) Level Two Response: After December 31, 2004, if any two out of the four previous quarterly sampling results for a parameter are above action levels, the Permittee shall initiate a Level Two Response in accordance with the Industrial Stormwater General Permit.
- (4) Level Three Response: If any four quarterly samples collected after December 31, 2004 are above action levels, the Permittee shall initiate a Level Three Response in accordance with the Industrial Stormwater General Permit.